

GEZE 5000R-ISM DOOR CLOSERS

GEZE TS 5000R-ISM

Guide rail door closer system for double-leaf doors up to 2800 mm hinge clearance with integrated closing sequence control, electrical hold-open and smoke switch control unit

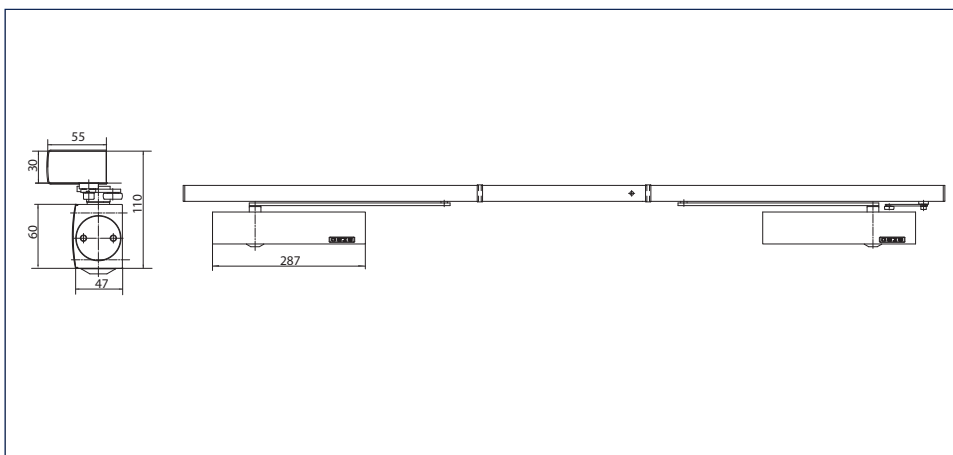
The TS 5000 R-SIM overhead door closer system for double-leaf doors with integrated, invisible closing sequence control, electro-mechanical hold-open on both sides and integrated smoke switch control unit is approved for mounting on fire and smoke doors. In the case of a fire, the smoke detector will be activated and the doors close automatically.

The GEZE system solution consists of two TS 5000 overhead door closers with adjustable closing force, size 2-6 to EN 1154, combined with the R-ISM guide rail with integrated mechanical closing sequence control, tested to EN 1158, electromechanical hold-open to EN 1155 and smoke switch control unit with clogging indicator and alarm threshold tracing. The holding force is adjustable and the hold-open position can be overridden. The hold-open system has national technical approval.

For the opposite hinge side the version TS 5000 L-R-ISM is available as standard or as panic function only on the active leaf. For all full panic demands the version TS 5000 L-R-ISM VP up to an X-dimension of 100 mm is available, with asymmetric fitting dimensions.



GEZE TS 5000 L-R-ISM /TS 5000 L-R-ISM VP



GEZE TS 5000L-R-ISM

Applications

- For 2-leaf doors, leaf width up to 1400 mm
- Min. hinge clearance = 1300 mm, max. hinge clearance = 2800 mm
- Symmetrical and asymmetrical division of door possible, minimum width of the fixed leaf = 380 mm
- For fireproof doors (door closer with mounting plate)
- Can be used for right and left-hand doors without conversion
- Can be used as a standard version for the opposite hinge side or as a panic function only on the active leaf

Technical data

Product features	GEZE TS 5000 closer	GEZE TS 5000 L closer
Closing force to EN 1154	2 - 6	
Recommended leaf width, up to	1400 mm	
Same version for left and right-hand doors	•	•
Product tested to	Door closer tested to EN 1154	
Fire door suitability	•	•
Mounting plate with hole pattern to EN 1154 supplement	•	•
Length	287 mm	
Overall depth	47 mm	
Height	60 mm	
Functions		
Adjustable closing force	Yes, stepless	
Adjustable closing speed	•	•
Adjustable latching action	Yes, via valve	
Integrated back check	Yes, hydraulically	
Position of closing force adjustment	adjustable Front	
Visual display of the closing force	•	•
Safety valve against vandalism	•	•
Thermo-stabilised valves	•	•

Technical data (guide rail)

Product features	TS 5000 R-ISM guide rail	R-ISM/G guide rail TS 5000	TS 5000 R-ISM guide rail BG VP
Minimum hinge clearance	1500 mm	1500 mm	1645 mm
Minimum fixed leaf width	400 mm	400 mm	380 mm
Supply voltage	230 V 50 Hz		
Enclosure rating	IP 20		
Ambient temperature	0 - 50 °C		
Product tested to	Hold-open device tested to EN 1154 Closing sequence controller tested to EN 1158 DIBt national technical approval as hold-open system		
Length	2740 mm	2740 mm	2730 mm
Overall depth	55 mm		
Height	30 mm		
Functions			
Closing sequence control, integrated	●	●	●
Integrated hold-open	Electrical		
Hold-open on the active leaf / fixed leaf	● / ●	● / -	● / ●
Hold-open position can be overridden	●	●	●
Hold-open angle	80°-130°	80°-130°	from 80°
Integrated smoke switch	●	●	●
with visual operating state display	●	●	●
with clogging indicator	●	●	●
with alarm threshold tracing	●	●	●
Integrated power pack	●	●	●
Height correction possible	●	●	●

NOVAS DOOR CONTROLS

GEZE Hydraulic door closers are designed to suit various residential and commercial applications. By definition, door closers are used to close hinged leaf doors after they have been manually opened. The smooth closing operation is controlled by the adjustable hydraulic rack and pinion mechanism.

In choosing a closer style for a particular application consideration should be given to the type of door being controlled, frame condition, aesthetic and the control features required by the end user.

The size and weight of the door is the main consideration in selecting a closer of the correct strength. Recommended door widths for each closer assume normal operating conditions. If a door is of exceptional height, weight, special construction, or if air pressure differentials exist, a more powerful closer should be considered.

A door closer effectively increases the loading on door hinges and their rate of wear. It is recommended that any door fitted with a door closer should use three or more Novas Ball Bearing/Sintered Bearing Hinges.

It is essential that the door be clear in the door frame and when fitted with a lock the latch bolt must engage freely with the strike.

Floor or wall mounted doorstops should be fitted to prevent possible damage to the door frame and fitted hardware.

Services

Novas offers a fully comprehensive (free of charge) specification/door scheduling service to meet project requirements. Door schedules are prepared by our scheduling team who are all design and/or industry trained professionals. Please contact your local Novas representative for assistance.

Guarantee

Novas guarantee all their products against defects in workmanship and materials subject to inspection and confirmation of fair wear and tear within the normal working life of the product.

Novas assumes no liability for:

1. Improper installation or failure to follow fitting instructions.
2. Product failure due to improper maintenance or unfair wear and tear.
3. Indirect or consequential loss or damage.
4. Cost of removal and/or replacement.
5. Cost of freight and/or travelling expenses.
6. Some plated finishes are classified as soft finishes. Deterioration is possible under some climatic conditions and cannot be unconditionally guaranteed.

Contact your local Novas representative or agent for advice on all finishes.

